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7-16-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Dan-Keun Sung et al.

Group Art Unit: 2661

Appln. No. : 10/089,051

Filed : March 25, 2002

For : MULTI-DIMENSIONAL ORTHOGONAL RESOURCE HOPPING
MULTIPLEXING COMMUNICATIONS METHOD AND
APPARATUS

PRELIMINARY AMENDMENT

Assistant Commissioner of Patents
Washington, DC 20231

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JUL 08 2002

Technology Center 2600

Sir :

Prior to an examination of the above-captioned application, the Examiner is respectfully requested to amend the claims, as follows:

IN THE CLAIMS

Please amend claims 1, 3 and 59 as follows (a marked-up copy of the claims is attached hereto):

1. (Clean Copy) A method for multi-dimensional orthogonal resource hopping multiplexing communication comprising a digital communication system that includes a primary communication station and secondary communication stations and a multi-dimensional orthogonal resource hopping multiplexing system allowing collision among multi-dimensional orthogonal resource hopping patterns within some data symbol durations for statistical multiplexing of the synchronous communication channels from said primary communication station to the secondary communication stations.



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Attorney Docket No. P22145

In re application of : Dan-Keun SUNG et al.

Serial No. : 10/089,051

Box Non-Fee
Group Art Unit : 2661

Filed : March 25, 2002

Examiner : Not Yet Known

For : MULTI-DIMENSIONAL ORTHOGONAL RESOURCE HOPPING MULTIPLEXING
COMMUNICATIONS METHOD AND APPARATUSTHE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231**RECEIVED**

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Sir:

Transmitted herewith is a Preliminary Amendment in the above-captioned application.

- ☒ Small Entity Status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a verified statement previously filed.
- ☐ A verified statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.
- ☐ An Information Disclosure Statement, PTO Form 1449, and references cited.
- ☒ No additional fee is required.

The fee has been calculated as shown below:

Claims After Amendment	No. Claims Previously Paid For	Present Extra	Small Entity		Other Than A Small Entity	
			Rate	Fee	Rate	Fee
Total Claims: 61	*61	0	x 9=	\$0.00	x 18=	\$
Indep. Claims: 4	**4	0	x 42=	\$0.00	x 84=	\$
Multiple Dependent Claims Presented			+140=	\$0.00	+280=	\$
Extension Fees for Month				\$0.00		\$
Total:				\$0.00	Total:	\$

*If less than 20, write 20

**If less than 3, write 3

☐ Please charge my Deposit Account No. 19-0089 in the amount of \$_____.☒ A Check in the amount of \$_____ to cover the filing/extension fee is included.☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-0089.☒ Any additional filing fees required under 37 C.F.R. 1.16.☒ Any patent application processing fees under 37 C.F.R. 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136)(a)(3).

Bruce H. Bernstein
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